Network/Internet

HOMEPLUG 85MBIT

Twin Pack

Features:

- Fast Home Plug adapter for direct connection to wall socket for power networking
- 85 Mbps Home Plug 1.0 specification, IEEE 802.3 10/100 Ethernet (100Mbps) and IEEE 802.3u Fast Ethernet Compliant
- Supports 10/100 Mbps AutoMDI/MDIx
- 3 LEDs status indicators
- Support OFDM 256/64/16, DQPSK, DBPSK and ROBO Modulation Scheme

Specifications:

- Home Plug 1.0 specification, IEEE 802.3 10/100 Ethernet (100 Mbps) and IEEE 802.3u Fast Ethernet
- 10/100 Mbps AutoMDI/MDIx Support
- 85Mbs Homeplug 1.0 compatible
- OFDM 256/64/16, DQPSK, DBPSK and ROBO Modulation Scheme
- 4.3 Mhz to 20.9 Mhz band
- Forward Error Correction (FEC) support
- Channel Adaption ensures that signal integrity is maintained even under harsh noise environment
- CSMA/CA with prioritization and ARQ for reliable delivery of Ethernet packets via Packet Encapsulation
- Four level priorized random access method
- Segment bursting and contention-free access ensures high thoughput while maintaining low latency response and jitter performance
- 56 bit DES Encryption with key management for secure powerline communications (Utilise Windows 98SE, 2000, ME, XP to enable encryption)
- Kendin KS8721B AutoMDI/MDIX 10/100 Ethernet PHY
- Intellon INT52MX Simple PowerPacket Module
- Switch Mode 90V – 264V Supply for Europe/UK/US/Australia plugs

Physical Specifications:

- 1 x Power LED
- 1 x Powerline Activity Status LED
- 1 x Ethernet Link/Activity Status LED
- Dimensions (DxWxH): 76 x 66 x 96mm
- Gewicht (1 Stk.): 136g
- Operating Temperature: 0° to 40° C

System Requirements:

- OS independent with TCP/IP protocol installed

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